



Customer Number 36441

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/923,515	
	Filing Date	August 7, 2001	
	First Named Inventor	Crooke, et al.	
	Group Art Unit	1635	
	Examiner Name	T. Gibbs	
Total Number of Pages in this Submission	5	Attorney Docket Number	ISPH-0595

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	HOWSON AND HOWSON Mary E. Bak
Signature	<i>Mary E. Bak</i>
Date	July 30, 2003

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on this date: <u>July 30, 2003</u>			
Typed or printed name	Diana M. Waligun		
Signature	<i>Diana M. Waligun</i>	Date	July 30, 2003

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ISPH-0595

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of	) Group Art Unit: 1635
	)
Crooke, et al.	) Examiner: T. Gibbs
	)
Appln. No. 09/923,515	)
	)
Filed: August 7, 2001	)
	)
For: ANTISENSE MODULATION OF	) July 30, 2003
APOLIPOPROTEIN (A) EXPRESSION	)
	)
	)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants submit to the Examiner the attached Forms PTO/SB/08A/B document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Forms PTO/SB/08A/B is attached and copies of the references are enclosed herewith.

Pursuant to 37 CFR §1.97 (e) (1), each item of information contained in this Information Disclosure Statement (IDS) was first cited in a communication from a foreign patent office in the related corresponding International application not more than three months prior to the filing of this IDS. Therefore, no fees are believed due.

CERTIFICATE UNDER 37 CFR 1.8

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Signature Diana M. Waligun  
Typed or Printed Diana M. Waligun

Customer Number 36441

**REMARKS**

Listed below are documents cited in the International Search Report dated February 3, 2003 in the related International Application No. PCT/US02/24920 filed August 5, 2002. A copy of the Search report is enclosed.

- (1) K. KOSTNER et al, "Lipoprotein (a): Still an enigma?", Current Opinion in Lipidology, 13:391-396 (August 2002)
- (2) H. WEINTRAUB, "Antisense RNA and DNA", Scientific American, pp. 40-46 (January 1990)
- (3) J. MILLIGAN et al, "Current Concepts in Antisense Drug Design", J. Medicinal Chemistry, 36(14):1923-1927 (July 1993)
- (4) S. FRANK, et al, "Adenovirus-mediated apo(a)-antisense-RNA expression efficiently inhibits apo (a) synthesis in vitro and in vivo", Gene Therapy 8(6):425-430 (March 2001)
- (5) International Patent Publication No. WO 96/09392 AA, published March 28, 1996

The Examiner is respectfully requested to consider the enclosed document identified in this paper and in the attached Form PTO/SB/08A/B during the course of examination of this application.

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Respectfully submitted,  
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Attorneys for Applicant

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1651-0031

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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/923,515
				Filing Date	August 7, 2001
				First Named Inventor	Crooke et al.
				Group Art Unit	1635
				Examiner Name	T. Gibbs
Sheet 1 of 2	Attorney Docket Number	ISPH-0595			

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)						
	AA	WO	96/09392		03-28-1996	Stinchcomb et al.		
Examiner Signature						Date Considered		

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

OTHER PRIOR ART-NONPATENT LITERATURE DOCUMENTS

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETE FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

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